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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/631,066	07/31/2003	John Paul Dodson	AU920030532US1	3527
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IBM CORP (YA)				
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EXAMINER				
REVAK, CHRISTOPHER A				
ART UNIT		PAPER NUMBER		
2131				
NOTIFICATION DATE		DELIVERY MODE		
07/25/2008		ELECTRONIC		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

ptonotifs@yeciipaw.com

Office Action Summary

Application No.

10/631,066

Applicant(s)

DODSON ET AL.

Examiner

Christopher A. Revak

Art Unit

2131

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 05 May 2008.
2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 24-39 is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5) ☒ Claim(s) 24-28 and 39 is/are allowed.
6) ☒ Claim(s) 29-38 is/are rejected.
7) ☐ Claim(s) _____ is/are objected to.
8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
10) ☒ The drawing(s) filed on 7/31/03 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/S508)
Paper No(s)/Mail Date _____
4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed has been entered.

Response to Arguments

Applicant's arguments filed have been fully considered but they are not persuasive. As per claims 34 and 38, the applicant has failed to distinguish "storage" media from transmission media, the specification still recites of transmission media being a type of readable media. As addressed by the examiner in the examiner's answer: "The examiner disagrees, the examiner has never indicated that the claims fail to define a structural and functional interrelationship, but rather the claims fail to disclose of statutory subject matter by claiming transmission media which is not statutory subject matter. The Interim Guidelines for Examiner of Patent Applications for the Patent Subject Matter Eligibility published in the Official Gazette on November 22, 2005, Section Annex IV (c), indicated "signal claims are ineligible for patent prosecution because they do not fall within any of the four statutory classes of Section 101". In the

instant application, the examiner refers to the applicant's specification, beginning on page 17, line 33 through page 18, line 5, various examples of media is given, however transmission media is recited as a particular type of media that is non-statutory. The readable medium includes transmission media with only instructions which is just software alone and of itself and fail to make the claims statutory."

2. Applicant's arguments filed with respect to claims 24-39 have been fully considered and are persuasive. The prior art rejections of the claims has been withdrawn.

Claim Rejections - 35 USC § 101

3. 35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

4. Claims 29,33,34 and 38 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter.

As per claims 34 and 38, the claims recite of a computer readable medium that is directed toward non-statutory subject. According to the applicant's specification, beginning on page 17, line 33 through page 18, line 5, various examples of media is given, however transmission media is recited as a particular type of media that is non-statutory. The examiner notes that the applicant's specification is written in a manner which separates recordable media versus transmission media and the examiner suggests amending claim 34 and 38 to recite that the computer readable medium is either "recording medium" or a "storage medium".

As per claims 29 and 33, the claims recite of a "data processing system" comprising "means for". The "means" is software elements that is directed towards non-statutory subject matter. Claim 39 recites of a "data processing system" which includes a bus system and memory, the examiner suggests amending claims 29 and 33 in a manner similar to claim 39 in order to overcome the rejection.

5. Claims 30-32 and 35-37 are rejected under 35 U.S.C. 101 because the claimed invention is not supported by either a specific and substantial asserted utility or a well established utility.

Independent claim 29 recites of a "data processing system", dependent claims 30-32 recite of a "computer implemented method" which is of a different statutory class, it appears that dependent claims 30-32 should recite of a "data processing system". Claims 35-37 dependent upon claim 34 are written in a similar manner

Claims 30-32 and 35-37 also rejected under 35 U.S.C. 112, first paragraph. Specifically, since the claimed invention is not supported by either a specific and substantial asserted utility or a well established utility for the reasons set forth above, one skilled in the art clearly would not know how to use the claimed invention.

Allowable Subject Matter

6. Claims 24-28 and 39 are allowed.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Christopher A. Revak whose telephone number is 571-272-3794. The examiner can normally be reached on Monday-Friday, 9:00am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on 571-272-3795. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Christopher A. Revak/
Primary Examiner, Art Unit 2131